

Million Pixels HD Analog-Digital mixed Vehicle HDD Mobile DVR—MDR7105



Easily Smart GUI Interface, saving time in device setting.

Main Features

HIS Solution, H.264 Compression, multiple stream recording, support 5CH video input, video recording and playback (4CH real-time 720p million pixels Analog HD input / 4CH analog standard definition input / 2CH analog input + 2CH HD mixed input + 1CH 1080P network camera input);

3CH video output (2CH CVBS video output, Support front and rear output; 1CH VGA output for optional)

Exclusive pre-allocate DVR Special File System Technology, Solving repeatedly wipe cause file fragmentation, solving storage file system crash, data loss and cannot find storage media and file garbled, ensure the integrity of the data.

8-36V wide voltage with low power consumption. Support Reverse Protection □ over-voltage/over-current protection. Output max to 10Amps current, support 12V & 5V peripheral equipment power supply. Ultra low power design;

Unique UPS Technology ensures the integrity of record when power failure occurs, even can last for 8-10s.

HDD+SD Card Storage (Support 2.5" HDD, max 128G SD Card) protect from Shock & Dust damage ;support USB port data backup and device update;

Support 2 USB ports, data backup and equipment upgrades.

Support 9CH alarm input (1CH Analog input + 8CH IO alarm input),2CH Independent alarm output.

Support 2 CAN interface.

Support HDD heating functions,can work in harsh environment.

Support GPS/BD/G-Sensor Extension module;

Realize real-time monitor through 3G/4G;

Support Broadcast/Intercom/Text sent etc;can add oil sensor/temperature sensor/POS/LED Advertisement Panel;

Support OTG device upgrade automatically, , device can automatically upgrade version update, maintenance is more convenient

Support IOS/Android Phone Remote monitor

High reliability aviation connectors, high cost performance, stable and reliable.

Product Features:

◆ HIS Solution,H.264 Compression,multiple stream recording,support 5CH video input, video recording and playback (4CH real-time 720p million pixels Analog HD input /4CH analog standard definition input/2CH analog input+2 CH HD mixed input + 1CH 1080P network camera input);

◆ High quality real time recording, 720P/CIF/HD1/D1 Optional, quality adjustable;

◆ Professional Car Power Design,6-36V wide voltage,Provide reverse voltage/over-load/short circuit protection, to meet kinds of car application;

◆ Support 12VDC output voltage,power supply for Camera/Screen etc;

◆ Max 1TB HDD + 128GB SD Card Mirror Recording,protect DVR from shock & Dust damage;

◆ Watchdog abnormal restart function,protect SD Card and Record;

◆ Exclusive Pre-allocated Vehicle File System protect data completeness ;

◆ ACC Delay off,can set 24 hours;

◆ Unique UPS Technology ensures the integrity of record when power failure occurs,even can last for 10-15s.

◆ Auto Record/Manual Record/Alarm Record etc working mode to meet different requirements;

- ◆ Show Car status/Plate/Driving Route/Low Speed/Over Speed information for convenient management;
- ◆ Support GPS/BD,3G/4G Module Optional,WIFI extend;
- ◆ Strong Network,device configure via IE Web,Support SMS Get device information and configure;
- ◆ Support Monitoring,Two-way Intercom, PTZ, Alarm,Over-speed,Geo Fence etc through remote control platform;
- ◆ 8CH IO Alarm input(Door Open,Light,Turn direction,brake,reverse etc),can linkage kinds of alarm;
- ◆ 2CH Alarm Output,Support Light and Sound alarm sensor,Oil/Power cut off;
- ◆ High level aviation interface,easily installation and better shockproof, more stable;
- ◆ Support Local Auto-photo when alarm input.
- ◆ High reliable aviation connectors input/output, easy installation,stronger anti-vibration.
- ◆ Easily Smart GUI Interface, saving time in device setting;
- ◆ Strong Stable Application,Support 3G/4G Real-time monitor, talk-back,playback,record,picture snap etc;
- ◆ Updated through SD or OTA Remote Automatic updating,more stable and convenient;
- ◆ Support Phone Remote Monitor,Phone Calling etc;
- ◆ Support PTZ/POS/Oil Sensor/LED Advertisement Panel etc;
- ◆ Support Ministry of Transport Standard Agreement
- ◆ Be Customized according your request;

Specification

Item		Parameter
OS		Linux
Language		English/Chinese/Customized
Video Compression		H.264 Compression
OSD		Overlays information such as date time and vehicle ID
GUI		Setup system parameters with the remote control.
Video Record System	Graphical User Interface	
	Video Input	4CH real-time 720p million pixels Analog HD input /4CH analog standard definition input+2CH analog input+2CH HD mixed input+ 1CH 1080P network camera input) ,aviation connector, 1.0Vp-p, 75Ω
	Video Output	2CH CVBS output+1CH VGA output for optional.1.0Vp-p, 75Ω.Support 1CH Full Screen,4CH Screen view
	Preview	Support 1 channel and 4 channels preview, 5 channels splice preview Support Manual/Alarm Trigger full screen preview
	Resolution	1080P/720P/D1/HDI/CIF, MAX:4 channels of 720P + 1080P / 4 channels of D1
	Image Quality	1.4 levels, 1 is the highest level.
Audio	Video Standard	PAL: 100fs , CCIR625 line,50field; NTSC: 120fs, CCIR525 line,60field; CIF: 256Kbps ~ 1.5Mbps, 8 level video quality optional; HD1: 600Kbps ~ 2.5Mbps, 8 level video quality optional; D1: 800Kbps ~ 3Mbps, 8 level video quality optional; 720P: 4Mbps-6Mbps, multi level video quality optional
	Record Mode	The default setting is auto recording after power on. Timed recording, alarm trigger recording and manual recording are supported.
	Audio Input	4CH Aviation Plug Input
	Audio Output	2CH,headphone connect at front panel, BNC Connect on Back panel
Compression		G.726 compression, 8KB/s speed
Alarm Input		7CH Alarm Input,1CH AD Input,impulse speed input,Alarm Linkage
Alarm Output		2CH Alarm Output,Support Light/Sound alarm sensor,Oil/Power cut off
Interface		3CH RS232, POS/Fuel Sensor/LED Advertisement Connection
Wireless Transmission		2CH 485 Interface,Connect PTZ Camera
GPS Position		Support Built in 3G transmission, WCDMA, CDMA2000,GPRS, EDGE[] Built in 4G module optional, TDD-LTE, FDD-LTE
Storage	HDD	Support Built GPS/BD Module
	SD Card	Max 2.5" HDD
	Update	Max 128GB SD Card Mirror Recording Keep Data Safety
	File Format	Support USB Updating, SD Card Updating,OTA Remote Updating
	File System	H.264
Record Replay	USB	Special FAT32 File System
	Video Search	USB Interface on Front Panel for data back up by U Disk,Hard Disk
	Playback	Search By Record Time/Record Type etc
Security		Max support 4CH Replay /Stop/Fast/Slow at same time
Optional Functions		Support forward and backward play at the speed of: x 2,x4,x8,x16.
Voltage & Power	Voice Call	User/Admin 2 Level Different Password
	TTS Voice Broadcast	Support voice call each other
	Serial Expansion	Support TTS voice broadcast function.
	Power Management	Support LED Advertisement Panel[]Oil Sensor[]POS[]Bus Station Broadcaster[]Car OBD,ect.external device
Power	Input Voltage	Wide Voltage.Support Timed/Delay off/ over-load/Reversing connection/voltage shortage/short circuit etc.
	Output Voltage	DC:+6V - +36V
	Power	+12V@1.5A[]+5V@1.5A
	Working	Working []5W

Working Environment	Temperature	20°C - +70°C
	Humidity	20% - 80%
Others	Size	200 [D]* 187[W]* 62[H] mm
	Weight	1.90 Kg